

## Articulated Boom Lift Attachments

Articulated Boom Lift Attachment - Boom vehicles are often used by phone, cable television and utilities organizations as they have long folded arms which are normally folded over the roofs of business vans. On the end of the extension of extendable arms typically sits a bucket-like apparatus. When a bucket truck has an extendable boom installed on the roof this is often identified as an "aerial boom truck" or a "cherry picker". It is able to transport employees to the top of a phone or utility pole. Bucket boom lift trucks have a hauling capacity of roughly 350 lbs to 1500 lbs or 158 kg to 680 kg and are capable of extending the bucket up to 34 feet or just over 10 meters into the air.

Heavy equipment boom vehicles or construction boom trucks may have a hoist attached to the back. These cranes known as knuckle booms may be little and compact or be of the trolley boom type, where the hoist is capable of extending the span of the truck bed. Hoist boom trucks possess a hauling capacity between 10 to 50 tons or just about 9 to 45 metric tons.

Concrete boom vehicles are a different variation. The booms on these lift trucks have a pipeline with a nozzle at the far end and are utilized to pump concrete or other resources. The locations where these materials ought to be deposited is usually inaccessible to the truck or is found at a great height, consequently, the boom of a larger concrete boom truck may be extended 230 feet or approximately 71 meters. The vehicle then pumps the concrete through the boom precisely depositing it into the space where it is required.

Fire departments are outfitted with a lengthy container boom employed to raise firefighters to the upper floors of a structure. Once in place, this boom permits them to direct water onto a fire or to rescue ensnared victims. Some of the older hook and ladder trucks have been replaced by up to date boom trucks.

There is in addition a miniature self-propelled boom truck, analogous to a forklift that is offered on the market for large warehouses or manufacturing plants. These mini boom vehicles can raise workers to upper storage areas or to the ceiling of the building. They are far safer and more stable than using an extension ladder for the same function.